

AKOPYAN, S.I.

Scientific research and experimental work should be widely used
in the development of new tractors. Trakt. i selkhoz mash. 32
no.3:1-3 Mr '62. (MIRA 15:2)

1. Direktor Nauchno-issledovatel'skogo avtotraktornogo instituta.
(Tractors)

L 36034-66 EWT(d)/EWT(m)/T/EWP(1) IJP(c) DJ
ACC NR: AP6027360 SOURCE CODE: UR/0281/66/000/001/0124/0130

AUTHOR: Akopyan, S. G. (Yerevan)

ORG: none

TITLE: Mathematical modeling of hydraulic units of electrical stations

SOURCE: AN SSSR. Izvestiya. Energetika i transport, no. 1, 1966, 124-130

TOPIC TAGS: mathematic model, analog computer, hydraulics, pipeline, hydroelectric power plant

ABSTRACT: The study of transient processes in electrical systems by means of analog computers is gaining wide acceptance in view of the simplicity and compactness of such devices and the simple interpretation of the results thus obtained. While the classical theory of hydraulic shock by ZHUKOVSKIY and ALIYEV in hydrostation pipe lines reproduces well the general pattern of the actual shock, the associated equations cannot be solved to yield solutions which are continuous in time. Earlier works concerning this problem (see, e.g., Yu. N. RUDENKO, Nauchn.-tekhn. inform. byul. Elektrotekhnika /Scientific-Engineering Information Bulletin Electrical Engineering/, 1960, No 1) avoided mathematical difficulties by introducing simplifying assumptions which reduce the accuracy of the solution below what seems permissible. The present article outlines a new approach to the expansion of the transfer function of the hydroshock equations for large-scale hydroelectric stations and describes its modeling. The elasticity of water and the pipe line is taken into account by retaining several terms of the transfer function expansion into simple fractions. An amplifier, combining linear operations is discussed and applied to a particular example. The article concludes with a comparison of the frequency characteristics using exact and approximate equations. Orig. art. has: 5 figures and 20 formulas. SUB-CODE: 09, 12, 13, 10 / SUBM DATE: 03Jun65 / ORIG REF: 007 [JPRS: 36,462] Card 1/1 *WKP* UDC: 621.313.322-82.001.57

KERIMOV, S.M., starshiy nauchnyy sotrudnik; ~~AKOPYAN, S.-Kh.~~, starshiy
nauchnyy sotrudnik; TAGIZADE, Z.A., starshiy nauchnyy sotrudnik;
ABDULAYEVA, L.D., mladshiy nauchnyy sotrudnik

Study of atherosclerosis; cholesterol content of the blood in
persons engaged in physical labor. Azerb. med. zhur. 41 no.2:
42-48 F '64 (MIRA 18:1)

1. Iz otdela kardiologii (zav. - chlen-korrespondent AN Azer-
baydzhanskoy SSR, prof. D.M. Abdylayev) IEKM AMN SSSR, Baku.

AKOPYAN, S.O.; BAZEY, N.S.; DEMINA, A.V.; SHAYEVSKIY, Yu.I.; YUFEROV, Yu.K.

Development of the layer D₁ in the Shkapovo oil field.
Nefteprom. delo no.6:3-8 163. (MIRA 16:10)

1. Neftepererabatyvayushcheye upravleniye "Aksakovneft'".
(Shkapovo region--Petroleum production)

AKOPYAN, S.Sh., polkovnik meditsinskoy sluzhby; ROZHKOV, Art.T., polkovnik
meditsinskoy sluzhby

The N.N.Burdenko main military hospital in the period before the congress.
Voen.-med. zhur. no.8:9-12 Ag '61. (MIRA 15:2)
(MOSCOW...HOSPITALS, MILITARY)

YUNUSOV, S.Yu., akademik; AKRAMOV, S.T.

.. Study on alkaloids from the seeds of *Lolium cuneatum* (Nevski).
Dokl.AN Uz.SSR no.3:36-39 '59. (MIRA 12:7)

1. Institut khimii rastitel'nykh veshchestv AN UzSSR. 2. AN UzSSR
(for Yunusov).
(Alkaloids)

AKOPYAN, S. Ye.

Akopyan, S. Ye. -- "Trends in the Development of Agricultural Power in the Mountain Regions of Armenia." Min Higher Education USSR. Leningrad Polytechnic Inst imeni M. I. Kalinin. Leningrad, 1956. (Disseration For the Degree of Candidate in Technical Sciences).

So: Knizhnaya Letopis', No. 11, 1956, pp 103-114

AKOPYAN, S.Ye.

Real wind power resources of Armenia. Dokl. AN Arm. SSR 27 no.3:149-155
'58. (MIRA 11:12)

1. Sovet po izucheniyu proizvoditel'nykh sil AN Armyanskoy SSR.
Predstavleno S.S. Mkrtchyanom.
(Armenia--Wind power)

AKOPYAN, S.Ye.

Characteristics of changes in the velocity of wind in relation to
altitude in mountainous regions of Armenia. Dokl. AN Arm. SSR 27
no. 4: 221-225 '58. (MIRA 12:1)

1. Sovet po izucheniyu proizvoditel'nykh sil AN Armyanskoy SSR. Pred-
stavleno S.S. Mkrtchyanom.
(Armenia---Winds)

AKOPYAN, S.Ye.

Methods for determining the degree of shielding of meteorological stations from winds in mountain regions. Izv. AN Arm. SSR, Ser. tekhn. nauk 16 no.1:41-50 '63. (MIRA 16:6)

1. Institut vodnykh problem AN Armyanskoy SSR.
(Meteorological stations) (Winds)

GRIGOR'YEV, A.V. (Orenburg, Sovetskaya ul., d.2); AKOPYAN, T.A. (Orenburg, Nizhegorodskaya, d.8, kv. 3)

Comparative study of the results of radium and radiocobalt therapy in cancer of the lower lip. Vop.onk. 5 no.3:373-375 '59. (MIRA 12:12)

1. Iz kafedry rentgenologii i radiologii Orenburgskogo meditsinskogo instituta (zav. - doktor med.nauk A.V. Grigor'yeva) i Orenburgskogo oblastnogo onkologicheskogo dispansera (glavn. vrach - B.A. Soloveychik).

(LIPS, neoplasms,

ther., radiocobalt & radium, comparison (Rus))

(COBALT, radioactive,

ther. of cancer of lip, comparison with radium (Rus))

(RADIUM, ther. use,

cancer of lip, comparison with radiocobalt (Rus))

AKOPYAN, TS.G.

Magnetic properties of rocks in Armenia. Izv. AN Arm. SSR. Ser.
FIZ. nauk 8 no. 4: 67-71 J1-Ag '55. (MLRA 9:2)

1. Institut geologicheskikh nauk AN Armyanskoy SSR i Yerevanskiy
gosudarstvennyy universitet imeni V.M. Meletova.
(Armenia--Rocks) (Armenia--Magnetism, Terrestrial)

AKOPYAN, TS.G.

Magnetic properties of rocks of Armenia. Trudy Inst.geofiz.AN Gruz.SSR
14:61-75 '55. (MLRA 9:9)

1.Institut geologicheskikh nauk Akademii nauk Armyanskoy SSR, Yerevan.
(Armenia--Rocks--Magnetic properties)

AKOPYAN, TS.G.

Effect of local relief on the field Z_a in connection with the magnetization of effusive rocks. Dokl. AN Arm.SSR 21 no.3:103-106 '55. (MLRA 9:2)

**1. Institut geologicheskikh nauk Armyanskoy SSR.
(Erivan--Magnetism, Terrestrial)**

AKOPYAN, TS.G.

Monogeneity of doleritic basalts in the Erivan region and the
Lori steppe (Armenian S.S.R.). Dokl.AN Arm.SSR 21 no.5:199-203
'55. (MIRA 9:4)

1. Institut geologicheskikh nauk Akademii nauk Armyanskey SSR.
Predstavleno I.G.Magak'yanom.
(Armenia--Basalt)

AKOPYAN, T.S. E!
AKOPYAN, T.S.G.; ARUTYUNYAN, E.A.

Magnetic prospecting for iron ore deposits under complex geological conditions. Izv. AN Arm. SSR. geol. i geog. nauk 10 no.4:37-45 '57.
(MIRA 11:2)

1. Institut geologicheskikh nauk AN ArmSSR.
(Atis Mountain--Iron ores)
(Prospecting--Geophysical methods)

AKOPYAN, TS. G.
AKOPYAN, TS.G.

Residual magnetism of the effusive rocks of Armenia. Dokl. AN
Arm.SSR 24 no.5:201-206 '57. (IDEA 10:7)

1. Institut geologicheskikh nauk Akademii nauk Armyanskoy SSR.
Predstavleno I.G. Magak'yanom.
(Armenia--Rocks, Igneous--Magnetic properties)

AUTHOR: Akopyan, Ts.G. SOV/49-58-8-12/17
TITLE: On Paleomagnetism of Igneous Rocks in Armenia (O paleo-magnetizme izverzhenykh gornykh porod Armenii)
PERIODICAL: Izvestiya Akademii Nauk SSSR, Seriya Geofizicheskaya, 1958, Nr 8, pp 1033 - 1039 (USSR)
ABSTRACT: The accumulation of data on paleomagnetism of effusive rocks (lava deposits and flows) of Tertiary and Quaternary origin in Armenian SSR became a very important contribution to the geological and geophysical survey of the region.
The author investigated more than 500 samples of the effusive rocks with an object to determine the magnitude and direction of their residual magnetism in relation to the period of their formation. The magnetic properties were calculated according to the Formulae (6) and given in the form of a table. The following denotations were used: χ - magnetic susceptibility, I_r - residual magnetism, ψ - angle of horizontal inclination. The columns of the table show: (from left to right) name of the rock, region, origin, number of samples, the four

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On Paleomagnetism of Igneous Rocks in Armenia SOV/49-58-8-12/17

values as calculated by Eq.(6), azimuth of the inclination I_r . The negative sign at ϕ signifies an opposite polarity.

The results of investigations can be summarised as follows:

- 1) the effusive rocks of the Tertiary and Quaternary periods are characterised by their high, magnetic susceptibility and the residual magnetism which is much higher than their inductive magnetism. The relation I_r/I_i , being about 10, implies that the young rocks are the main cause of the residual magnetic field of the region.
- 2) The Armenian effusive rocks can be divided into three groups: the normally magnetised rocks of the Quaternary period, the opposite magnetised rocks of the Upper Pleocene and Post-Pleocene and the normally magnetised rocks of the Middle Eocene-Paleocene and Miocene-Middle Pliocene.
- 3) The direction of the residual magnetism differs from that of the inductive magnetism. This is in agreement with the theory that the induction should have no great effect on the original magnetism of the effusive rocks.
- 4) It was noticed that the relation $I_r/I_i = Q$ is

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On Paleomagnetism of Igneous Rocks in Armenia SOV/49-58-8-12/17

increasing with a decrease of the intensity of the rock formation, e.g. $Q = 8.4$ was found for the rocks of the Middle Eocene-Paleocene origin, $Q = 9.2$ for the Upper Pliocene and $Q = 10.2$ for the Quaternary. Thus, knowing the value of I_r and χ , it is possible to determine the stratification, distribution and the time-correlation of the various layers and to establish the Earth's magnetic field in relation to its geological past.

- 5) It was observed that the vector I_r , in accordance with the theory, is inclined to the left in relation to the latitudinal direction of lava flow and is of the same direction for its meridional motion. Therefore, a possibility of determination of the doubtful geological constructions in certain cases became feasible.
- 6) The intrusive rocks found occasionally in the region of investigations were of normal magnetism. That indicates their formation being affected by both the residual magnetism and the magnetic susceptibility.
- 7) The extrusive rocks of the Upper Pliocene were found

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On Paleomagnetism of Igneous Rocks in Armenia SOV/49-58-8-12/17

to have a high residual magnetism of the opposite polarity. The above observations agree with most of the data obtained by the various investigators in the USSR and abroad. In addition, it should be noted that during the Tertiary period, the Earth had an opposite magnetic field to that of the earlier and later periods. There are 22 references, 14 of which are Soviet, 6 English, 1 French and 1 German.

ASSOCIATION: Akademiya nauk Armyanskoy SSR, Institut geologicheskikh nauk (Ac.Sc. Armenian SSR, Institute of Geological Science)

SUBMITTED: June 26, 1957

Card 4/4

1. Rock--Magnetic properties

AKOPYAN, TS.G.

~~Certain regular features of the relationship between the~~
magnetic and gravitational fields of the Ararat depression
of the Armenian S.S.R. Dokl. AN Arm. SSR 26 no.4:223-227 '58.
(MIRA 11:5)

1. Institut geologicheskikh nauk Akademii nauk Armyanskoy SSR.
Predstavleno A.A. Gabrielyanom.
(Ararat Region--Magnetism, Terrestrial)
(Gravity)

AKOPYAN, TS.G.

Stratigraphic correlation of recent vulcanogenic formations in central Armenia by magnetic surveying. Report No.2. Dokl. AN Arm. SSR 27 no.1: 23-29 '58. (MIRA 11:9)

1. Institut geologicheskikh nauk AN ArmSSR. Predstavleno A.A. Gabrielyanov.
(Armenia--Rocks, Igneous) (Magnetism, Terrestrial)

AKOPYAN, TS.G.

The magnetic field of Armenia and its connection with
tectonic zones. Dokl.AN Arm.SSR 29 no.5:231-234 '59.
(MIRA 13:6)

1. Institut geologicheskikh nauk Akademii nauk Armyanskoy
SSR. Predstavleno akademikom AN Armyanskoy SSR S.S. Mkr-
tchyanom.

(Armenia--Magnetism, Terrestrial)

AKOPYAN, T.Solak-Grigor'yevich; VANTSYAN, G.M., otv.red.; VARTANESOVA,
A.A., red.izd-va; SARKISYAN, G.S., tekhn.red.

[Magnetic field of the Ararat Depression, Armenian S.S.R.]
Magnitnoe pole Araratskoi kotloviny Armianskoi SSR. Erevan,
Izd-vo Akad.nauk Armianskoi SSR, 1960. 132 p.

(MIRA 13:11)

(Ararat region--Magnetic anomalies)

85508

S/172/60/013/005/002/002
B002/B063

3.9100

AUTHOR: Akopyan, Ts. G.

TITLE: Paleomagnetism of the Effusive Rocks in the Armyanskaya
SSR and the Displacement of the Terrestrial Poles in the
Cainozoic

PERIODICAL: Izvestiya Akademii nauk Armyanskoy SSR, Geologicheskiye i
geograficheskiye nauki, 1960, Vol. 13, No. 5, pp. 33 - 45

TEXT: In the years 1954-1958 the author studied about 750 orientated
samples of effusive rocks from the Armyanskaya SSR and neighboring
areas of the Smaller Caucasus. The samples were examined with an M-2
(M-2) magnetometer or with Dolginov's astatic magnetometer. The author
measured: a) the ratio of the residual to the induced intensity of
magnetization; b) the azimuth of the vector of the natural residual in-
tensity of magnetization; c) the angle of inclination between the said
vector and the horizontal plane. According to the position of the vec-
tor, a distinction is to be made between normally magnetized rocks
(vector points downward; azimuth is $0 \pm 90^\circ$) and inversely magnetized

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Paleomagnetism of the Effusive Rocks in the S/172/60/013/005/002/002
Armyanskaya SSR and the Displacement of the B002/B063
Terrestrial Poles in the Cainozoic

rocks (vector points upward; azimuth is $180 \pm 90^\circ$). The effusive rocks of the Middle and Upper Quaternary are normally magnetized, those of the Upper Pliocene and the Lower Quaternary, inversely, those of the Middle Pliocene, normally, those of the Lower Pliocene and the Upper Miocene, inversely, those of the Middle and Upper Eocene, normally, and so forth. This is, most probably, related to the periodic variation of the direction of the geomagnetic field. From the results of measurement the author calculated the position of the magnetic pole. A Fig. shows the wandering of the magnetic pole for the period between Jurassic and Holocene. The author's results agree with the results of A. N. Khramov, A. G. Komarov, and several foreign research workers. The author suggests using the direction and orientation of the vector of the natural residual intensity of magnetization in rocks for their age assignment. There are 5 figures, 3 tables, and 13 references: 7 Soviet, 3 British, 1 French, and 1 Japanese.

Card 2/5

AKOPYAN, T.Solok Grigor'yevich; ASLANYAN, A.T., otv. red.; GOROYAN,
G.L., tekhn. red.

[Magnetic field and paleomagnetism of Cenozoic effusive
rocks of the Armenian S.S.R.] Magnitnoe pole i paleomag-
netizm kainozoiskikh effuzivnykh porod Armianskoi SSR.
Erevan, Izd-vo Akad. nauk Armianskoi SSR, 1963. 173 p.
(MIRA 16:5)

(Armenia--Rocks, Igneous--Magnetic properties)

AKOPYAN, T. KH.

Remarks on the 7th Century Work Geography

The author discusses one of the most outstanding productions of the Armenian people, the work Geography by Ananiya Shirakatsi of the Seventh Century. In it Shirakatsi describes the entire world as known up to that time: Europe, Libya (Africa), Asia, and in special detail Armenia. (RZhGeol, No. 4, 1955) Nauch. tr. Yerevansk. un-ta. 43, No. 1, 1954, 119-149 (Armenian, with Russian resume).

SO: Sum. No. 744, 8 Dec 55 - Supplementary Survey of Soviet Scientific Abstracts (17)

AKOPYAN, T. Kh.

Study of natural conditions of the Armenian upland in the
"Geography" of Anania Shirakatsi [in Armenian with summary in
Russian]. Nauch.trudy Erev.un. 58:3-21 '56. (MLHA 10:7)

1. Kafedra fizicheskoy geografii.
(Armenia--Physical geography)

SATARIN, V.I.; AKOPYAN, V.A.; SOKOLOV, P.N., prof., nauchnyy red.;
TYUTYUNIK, M.S., red. izd-va; IGNAT'YEV, V.A., tekhn. red.

[Asbestos-cement industry; its present state and the
prospects for its development] Asbestotsementnaya promysh-
lennost'; sostoyanie i perspektivy razvitiya. Moskva, Gos.
izd-vo lit-ry po stroit., arkhitekt. i stroit. materialam, 1961.
205 p. (MIRA 15:3)

(Asbestos cement)

AKOPYAN, V.A., vrach

Nurse's work in the infirmary of an antituberculosis dispensary
in the two-stage system of patients' attendance. Med. sestra 20
no.9:47-49 S '61. (MIRA 14:10)

1. Iz Pavlodarskogo oblastnogo protivotuberkuleznogo dispansera
Pavlodar, TSelinnyy kray.
(TUBERCULOSIS) (NURSES AND NURSING)

AKOPYAN, V.A.

Liubov' Mikhailovna Kamornik. Med, sestra 22 no. 6:41-42 Je '63.
(MIRA 16:9)

(NURSES AND NURSING)

AKOPYAN, V.A.; KORTAISTSI, S.A.

Erecting asbestos cement plants by blocking standard spans.
Trudy Vuzhigiprotsementa no.6:58-72 164.

(MLRA 17:12)

USSR/Diseases of Farm Animals - Diseases Caused by Helminths. R.

Abs Jour : Ref Zhur - Biol., No 6, 1958, 26329

Author : Akopyan, V.D.

Inst : Armenian Scientific Research Institute of Animal Husbandry and Veterinary Sciences.

Title : Influence of Vitamin A on the Increase of Resistance to Cystocaulosis in Sheep.

Orig Pub : Tr. Arm. n.-i. in-ta zhivotnovodstva i veterinarii, 1956, 1, 129-136

Abstract : Two groups of sheep consisting of five heads each were artificially infected with *Cystocaulus nigrescens* in a dosage of 2,000 larvae per head. During the experiment (200 days) the first group received a vitamin A concentrate (30,000 units per head every 24 hours). The second group did not receive the vitamin.

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Abs Jour : Ref Zhur - Biol., No 6, 1958, 26329

A relationship was noted between the number of discharged cystocaulus larvae and the vitamin A content in the liver. Sheep of the first group discharged six to seven times less larvae than sheep of the second group. The number of cystocaulus ganglions in sheep of the first group was found to be almost three times smaller than in sheep of the second group. In sheep with smaller lung lesions a larger number of encystments of mature cystocaulae under the pleura was found, and vice versa. The author believes that supply of vitamin A increases the organism's resistance to cystocaulosis and conditions the transition of cystocaulae into an inactive state. In such cases infestation is so weak that it

COUNTRY : USSR
 CATEGORY : Diseases of Farm Animals.
 Diseases Caused by Helminths.
 ABS. JOUR. : RZhBiol., No. 3, 1959, No. 12168
 AUTHOR : Grigoryan, G. A.; Akopyan, V. D.; Khanbegyan,*
 :
 : The Application of Tin Arsenate in
 : Avitellinosis of Sheep.
 ORIG. PUB. : Veterinariya, 1958, No 4, 41-44
 ABSTRACT : The treatment was carried out on more than
 12,000 sheep (1 g per head) on farms where
 epizootic avitellinosis was observed in
 sheep. Two to three days after the vermifuge
 treatment was applied once, the epizooty of
 this invasion came to an end. A harmful side
 effect of the drug was not established.

Card:

1/1

*R. A.; Vagapetyan, V. G.; Ayvazyan, A. A.

DAVTYAN, E.A.; AKOPYAN, V.D.

Changes in the vitamin A balance of sheep in experimental fascioliasis.
Trudy Gel'm. lab. 9:79-81 '59. (MIRA 13:3)
(PARASITES--SHEEP) (LIVER FLUKE) (VITAMINS--A)

GRIGORYAN, G.A., kand.veterinarnykh nauk; AKOPYAN, V.D., kand.veterinarnykh nauk

Experimental facts on the biology of *Dicrocoelium lanceatum* St.
et Hass. 1896. Trudy Arm. nauch.-issl. inst.zhiv. i vet. 4:
247-254 '60. (MIRA 15:5)
(Liver fluke)

AKOPYAN, V.D., kand. veterin. nauk

Phenothiazine in Chabertia infestation of sheep. Veterinariia
38 no.11:36-37 N '61 (MIRA 18:1)

1. Armyanskiy nauchno-issledovatel'skiy institut zhivotno-
vodstva i veterinarii.

GASPARYAN, S.A.; AKOPYAN, V.G.

Prevention of hazardous hemodynamic changes in occlusion of the thoracic and abdominal aortas in experimental renal hypertension. Grud. khir. 5 no.5:33-41 S-O '63.

(MIRA 17:8)

1. Iz kafedry operativnoy khirurgii i topograficheskoy anatomii (zav. - prof. G.Ye. Ostroverkhov) II Moskovskogo meditsinskogo instituta imeni Pirogova. Adres avtorov: Moskva, ul. M. Pirogovskaya, d.1. Kafedra operativnoy khirurgii II meditsinskogo instituta.

DOLETSKIY, S.Ya., prof.; GAVRYUSHOV, V.V., kand. med. nauk; AKOPYAN, V.G.;
LITVINOVA, R.I.

Portohepatography and portotonometry through the umbilical
vein in children. Vest. khir. 94 no.2:89-93 F '65. (MIRA 18:5)

1. Iz TSentral'nogo instituta usovershenstvovaniya vrachey.

GRIGORYAN, G.A., kand. veter. nauk; KHANBEKYAN, R.A., kand. veter. nauk;
AKOPYAN, V.I., kand. veter. nauk; CHOBANYAN, A.G., mladshiy
nauchnyy sotrudnik

Adult Ascaridia galli in a hen's egg. Veterinarifa 41 no.12:
55-58 N '64. (MIRA 1961)

1. Armyanskiy nauchno-issledovatel'skiy institut zhivotnovodstva
i veterinarii.

AKOPYAN, V.I.

Effect of dried feed yeast on the digestibility of poultry rations.
Izv. AN Arm. SSR. Biol. nauki 12 no.10:33-39 0 '59. (MIRA 13:3)

1. Institut zhivotnovodstva i vererinarii Ministerstva sel'skogo
khozyaystva Arm. SSR.
(POULTRY--FEEDING AND FEEDS) (YEAST)

AKOPYAN, V. I. Cand Bio Sci --(diss) "The effect of food yeasts on the metabolic processes and the productivity of chickens during simultaneous action of long exposure to light," Yerevan, 1960, 24 pp, 150 cop (Department of Biological Sciences, AS Armenian SSR) (KL, 43-60, 117)

AKOPYAN, V.I.

Chemical composition of feed yeasts grown on different hydrolysates.
Izv. AN Arm. SSR. Biol. nauki 14 no.2:83-88 F '61. (MIRA 14:3)

1. Institut zhiivotnovodstva i veterinarii Ministerstva sel'skogo
khozyaystva Armyanskoy SSR.
(YEAST AS FEED)

AKOPYAN, Y. Kh.; GROSS, Ye. F.; DREYNGOLD, F. I.; NOVIKOV, B. V.; TITOV, R. A.;
SHERKHMAMET'YEV, R. I.

"The investigation by the photoconductivity and luminescence method of the exciton states near the edge and in the depth of the fundamental absorption in crystals."

paper submitted for Intl Conf on Physics of Semiconductors, Paris, 19-24 Jul 64.

Leningrad State Univ.

AKOPYAN, V.M.

Electric device for the analysis of stresses in connecting rods.
Trudy Sem.po teor. mash. 15 no.59:20-33 '55. (MLRA 9:6)
(Links and link-motion) (Strain gauges)

AKOPYAN, V.M., kandidat tekhnicheskikh nauk.

Stress analysis of locomotive main rods. [Trudy] MVTU no.56:
64-68 '55. (MIRA 9:6)
(Locomotives--Testing) (Strains and stresses)

AKOPYAN, V.M.

PHASE I BOOK EXPLOITATION 1201

Moscow. Vyssheye tekhnicheskoye uchilishche

Voprosy teorii mekhanizmov i mashin (Problems of Theory of Mechanisms and Machines) Moscow, Mashgiz, 1958. 141 p. (Series: Its: [Sbornik] 77) 3,600 copies printed.

Ed. (Title page): Reshetov, L.N., Doctor of Technical Sciences, Professor; Ed. (Inside book): Martens, S.L., Engineer; Tech. Ed.: Tikhonov, A.Ya.; Managing Ed. for Literature on General Technical and Transport Machine Building (Mashgiz): Ponomareva, K.A., Engineer.

PURPOSE: This collection of articles is intended for personnel of engineering departments of machine-building plants.

COVERAGE: Articles in the collection discuss problems of the efficient design of machines and the investigation of machine dynamics. It is recommended that good machine operation be assured by means of proper design rather than by increasing production accuracy. The types of basic mechanisms meeting this requirement are described. The theory is given for approximate shaping of mechanisms with higher

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Problems of Theory (Cont.)

1201

- Akopyan, V.M. Effect of Nonuniform Crank Rotation on Dynamic Stresses in Connecting Rod 110
- Savelova, A.A. Dynamic Balancing of a Calibration Gage Rotor at Operating Velocity 117
- Shelest, P.A. Dynamics of Mechanical Compressed Gas Generators 126
- Malysheva, Z.C., and Ye.M. Yes'kov. Measurement of Small Angular Velocity Oscillations of an Engine Shaft 133
- AVAILABLE: Library of Congress

GO/sfm
2-24-59

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AKOPYAN, V.M., kand.tekhn.nauk

Effect of irregularities in crankshaft rotation on dynamic stresses
in connecting rods. [Trudy] MVFU no.77:110-116 '58. (MIRA 11:9)
(Crankshafts and crankshafts)

AKOPYAN, V.M., dotsent, kand.tekhn.nauk; YES'KOV, Ye.M., inzh. .

Five-channel electronic strain gauge unit. Izv.vys.ucheb.zav.;
mashinostr. no.7:55-59 '59. (MIRA 13:6)

1. Moskovskoye vyssheye tekhnicheskoye uchilishche imeni Baumana.
(Strain gauges)

AKOPYAN, V.M., aspirant

Gas consumption regime in apartments. Vod. i san. tekhn. no.6:
10-13 Ja '64 (MIRA 18:1)

IONIN, A.A.; AKOPYAN, V.M.

Determining rated flow rates for low-pressure gas pipelines.
Gaz. prom. 9 no.7:16-21 '64. (MIRA 17:8)

1994

ACCESSION NR: AT4048058

binary system is presented. This is transformed to yield an equation for titanium concentration, as determined by the intensity of the α rays, as they pass through each part of the specimen:

$$C_{\text{eff}}(z) = 200 \frac{1 - \frac{1}{200} \left(\frac{1}{2} \right)^{200}}{28.71 - \left(\frac{1}{2} \right)^{200}} \quad (11)$$

where c_{Ti} is the titanium concentration, x - the position of micro-part to be analyzed, δ - the thickness of the diffusion zone, δ_0 - the thickness of the specimen in cm, and I - the intensity of the diffraction.

Card 2/3

L 14316-65

ACCESSION NR: AT4048058

... concentrations of 90-98 at 7. It was a significant increase in this coefficient observed.
... the model ... 100-500 M ... is ... of the Mo

... M. ...

Orig art has: 6 formulas, 7 figures and ...

ASSOCIATION: none

SUBMITTED: 15Jul64

ENCL: 00

SUB CODE: MM

NO REF SOV: 001

OTHER: 004

Cord 3/3

AKOPYAN, V. P.

"Characteristics of the state of health of school children and sanitary conditions of Yerevan schools."

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists and Infectionists, 1959.

NIKOGOSYAN, G.G., dotsent; AKOPYAN, V.R., assistant

Sanitary and hygienic characteristics of trade schools in the city of Erivan. Trudy Erev.med.inst. no.11:189-193 '60.

(MIRA 15:11)

1. Iz kafedry obshchoy gigiyeny (zav. kafedroy - prof. L.B. Arutyunyan) Yerevanskogo meditsinskogo instituta.

(ERIVAN--TRADE SCHOOLS--HYGIENIC ASPECTS)

AKOPYAN, V. T.: Master Geolog-Mineralo Sci (diss) -- "The stratigraphy of the
Jurassic and Cretaceous deposits of the southeastern Zangezur". Leningrad-Yerevan,
1958. 21 pp (Leningrad State U im A. A. Zhdanov, Inst of Geol Sci Acad Sci
Armenian SSR), 180 copies (KL, No 5, 1959, 145)

~~AKOPYAN, V.T.~~

Stratigraphy of lower Cretaceous sediments in southeastern Armenia.
Izv. AN Arm. SSR. Ser. geol. i geog. nauk 11 no.1:3-18. '58. (MIRA 11:7)

1. Institut geologicheskikh nauk AN ArmSSR.
(Armenia--Geology, Stratigraphic)

AKOPYAN, V.T.

Age of upper Cretaceous formations in the Svarants and Tatev region. Izv. AN Arm. SSR. Ser. geol. i geog. nauk 11 no.3: 17-25 '58. (MIRA 11:10)

1. Institut geologicheskikh nauk AN Argyanskoy SSR.
(Armenia--Geology, Stratigraphic)

AZARYAN, N.R.; AKOPYAN, V.T.

New stratigraphic plan of Jurassic sediments of Armenia.
Dokl. AN Arm. SSR 28 no.2:91-96 '59. (MIRA 12:6)

1. Institut geologicheskikh nauk AN ArmSSR. Predstavlene akademi-
kom AN ArmSSR S.S. Mkrtchyanom.
(Armenia--Geology, Stratigraphic)

AKOPYAN, V.T.

Stratigraphy of Cretaceous sediments in the Bazumskiy Range
(northern Armenia). Izv. AN Arm.SSR.Geol.i geog.nauki 15
no.1:33-45 '62. (MIRA 15:3)

1. Institut geologicheskikh nauk AN Armyanskoy SSR.
(Bazumskiy Range--Geology, Stratigraphic)

AKOPYAN, Vartges Torgomovich; MKRTCHYAN, S.S., akademik, otv. red.;
ANDREASYAN, V.B., red. izd-va; KAPLANYAN, M.A., tekhn. red.

[Stratigraphy of Jurassic and Cretaceous sediments in the
Zangezur Range] Stratigrafiia iurskikh i melovykh otlozhenii
iugo-vostochnogo Zangezura. Erevan, Izd-vo Akad. nauk
Armianskoi SSR, 1962. 287 p. (MIRA 16:4)

1. Akademiya nauk Armyanskoy SSR (for Mkrtchyan).
(Zangezur Range--Geology, Stratigraphic)

AKOPYAN, V.T.

Recent Upper Cretacian gastropoda of the Armenian S.S.R. Dokl.
AN Arm. SSR 36 no.3:183-188 '63. (MIRA 16:10)

1. Institut geologicheskikh nauk AN Armyanskoy SSR.
Predstavleno akademikom AN Armyanskoy SSR S.S. Mkrtchyanom.

MKRTCHYAN, S.S., akademik, glav. red.; VARDANYANTS, L.A., red.;
GABRIYELYAN, A.A., red.; MAGAK'YAN, I.G., akademik, red.;
PAFFENGOL'TS, K.N., akademik, red.; AZARYAN, N.R., kand.
geol.-miner. nauk, red.; AKOPYAN, V.T., kand. geol.-miner.
nauk, red.; /RAKELYAN, R.A., kand. geol.-miner. nauk, red.;
MESROPYAN, A.I., kand. geol.-min. nauk, red.[deceased]

[Geology of the Armenian S.S.R.] Geologiya Armianskoi SSR.
Izd-vo AN Arm.SSR. Vol. 2. [Stratigraphy] Stratigrafiia.
1964. 432 p. (MIRA 17:7)

1. Akademiya nauk Armyanskoy SSR, Erivan. Institut geologi-
cheskikh nauk. 2. AN Armyanskoy SSR (for Mkrtchyan, Magak'yan,
Paffengol'ts). 3. Chlen-korrespondent AN Armyanskoy SSR (for
Vardanyants, Gabriyelyan)....

PCHELENTSEV, V.F.; AKOPYAN, V.T.; ALIYEV, O.B.

Stratigraphic distribution of Gastropoda in the Upper Cretaceous
sediments of Transcaucasia. Izv. AN Arm. SSR. Nauki o zem. 18
no.3/4:3-7 '65. (MIRA 18:9)

AKOPYAN, V.V., inzh.; GLEYZER, S.S., inzh.

Making two-layer precast elements for insulating pipes. Suggested
by V.V.Akopian, S.S.Gleizer. Rats.i izobr.predl.v stroi. no.13:
77-79 '59. (MIRA 13:6)

1. Trest Santekhmontazh 62 Glavleningradstroya.
(Insulation (Heat)) (Pipe)

KLYACHKO, L.S., inzh.; KRASNOSHCHIEKOV, L.F., inzh.; AKOPYAN, V.V., inzh.;
ARAMANOVICH, R.P., inzh.

Standard for ventilation air ducts with rectangular cross sections.
Mont.i spets.rab.v stroi. 22 no.6:26-28 Jl '60. (MIRA 13:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidrotekhnicheskikh
i sanitarno-tekhnicheskikh rabot, trest Santekhmontazh-62.
(Ventilation)

AKOPYAN, Ya.Ye.; PEREGUDOVA, A.A. (Nal'chik)

Result of using extrapleural pneumonolysis in the treatment of
pulmonary tuberculosis. Probl.tub.34 no.6 supplement:23-24 N-D '56.
(MIRA 10:2)

1. Iz respublikanskogo protivotuberkuleznogo dispansera Kabardinskoy
ASSR.

(COLLAPSE THERAPY,
pneumonolysis, extrapleural (Rus))

AKOPYAN, Ya.Ye.

Tactics of the surgeon in case of perforation of a cavern during
pneumonolysis [with summary in French]. Probl.tub. 35 no.1:101-102
'57. (MLRA 10:6)

1. Iz Respublikanskogo protivotuberkuleznogo dispansera Kabardinskoy
ASSR (glavnyy vrach A.K.Tolokneyev) (g.Nal'chik)
(COLLAPSE THERAPY, compl.
pneumonolysis with perf. of cavern. surg. (Rus))

AKOPYAN, Ya.Ye., zasluzhennyy vrach Kabardino-Balkarskoy ASSR.

Open section of pleural adhesions in ineffective artificial
pneumothorax. Probl.tub. 37 no.8:95-96 '59. (MIRA 13:6)

1. Iz Respublikanskogo protivotuberkuleznogo dispansera Kabar-
dino-Balkarskoy ASSR (glavnyy vrach P.K. Atarov).
(PNEUMOLYSIS)
(PNEUMOTHORAX ARTIFICIAL)

KARAMYAN, Konstantin Andranikovich; AKOPYAN, Ye.A., otv. red.;
BARTANESOVA, A.A., red. izd-va; GZYRYAN, M.S., red. izd-va;
SAROYAN, P.A., tekhn. red.

[Structure and conditions governing the formation of the
Dastakert copper-molybdenum deposits] Struktura i uslovia obra-
zovaniia Dastakertsogo medno-molibdenovogo mestorozhdeniia.
Erevan, Izd-vo AN Armianskoi SSR, 1962. 185 p. (MIRA 15:7)
(Dastakert region—Copper ores)
(Dastakert region—Molybdenum ores)

KARAMYAN, Konstantin Andranikovich; AKOPYAN, Ye.A., otv.red.;
VARTANESOVA, A.A., red.izd-va; GZYRYAN, M.S., red.izd-va;
SAROYAN, P.A., tekhn.red.

[Structure and formation of the Dastakert copper-molybdenum
deposit] Struktura i usloviia obrazovaniia Dastakertsogo
mednomolibdenovogo mestorozhdeniia. Erevan, Izd-vo AN
Armianskoi SSR, 1962. 185 p. (Akademiia nauk Armianskoi SSR.,
Erevan. Poleznye iskopaiemye, no.1). (MIRA 16:2)

(Sisian District—Copper ores)
(Sisian District—Molybdenum ores)

USER
CATEGORY: MEADOW CULTIVATION

L

ABS. JOUR. REF ZHUR - BIOLOGIYA, NO. 4, 1959, No. 15527

AUTHOR
INST
TITLE

Akopyan, Ye.S.
Armenian Sci. Res. Inst. of Animal Husbandry*
Early Mowing and Fertilizer as a Method of Con-
trolling Meadow Contamination.

ORIG. PUB. : Byul. nauchno-tekhn. inform. Arm. n.-i. in-ta
zhivotnovodstva i veterinarii, 1957, No.1, 34-37

ABSTRACT

: Systematic early mowing reduces the total
harvest of the meadow but contributes to im-
provement of the botanical composition of the
grasses: the cereal content is increased at
the expense of low-value varied grasses.
Early mowing with placement of fertilizer
N60P60K50 under the second mowing secures an
increase of meadow productivity of more than
double. It is especially recommended
that the measures indicated be employed in

*and Veterinary Medicine

CARD:

1/2

AKOPYAN Ye.

USSR.

Effectiveness of mineral fertilizer on hay fields containing betony. Sh. M. Agababyan and E. S. Akopyan. *Izvest. Akad. Nauk Armyan. S.S.R., Biol. i Sel'skokhoz. Nauki* 8, No. 2, 25-28 (in Russian; Armenian summary, 30-7) (1965).—Annual applications of N, P, N and P, K and P, or N and P and K increased yields of hay and helped to eliminate betony (*Stachys grandiflora*). The K had no effect, and in some cases a depressing effect, alone or in combination with N. The soils were chernozem-like on rocky glitserops. J. S. Joffe.

AKOPYAN, Ye.S.

~~Rapid formation of Alpine meadows above timberline. Izv. AN Arm. SSR.~~
Biol. i sel'khoz. nauki 9 no. 11: 91-100 N '56. (MLRA 10:1)

1. Institut zhivotnovodstva Ministerstva sel'skogokhozyaystva Arмян-
skoy SSR.
(Armenia--Pastures and meadows)

L 31304-66 EWT(1)/T JK
 ACC NR: AP6022588 (A,N) SOURCE CODE: UR/0346/66/000/001/0092/0094 27 B

AUTHOR: Yarnykh, V. S. (Candidate of veterinary sciences); Akopyan, Ye. Sh. (Candidate of veterinary sciences); Vbranchan, Z. E. (Candidate of veterinary sciences); Ivanova, V. I. (Candidate of veterinary sciences)

ORG: All-Union Scientific Research Institute of Veterinary Sanitation (Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy sanitarii)

TITLE: Method of disinfecting milk on farms contaminated with foot-and-mouth disease, tuberculosis, brucellosis, and paratyphoid fever

SOURCE: Veterinariya, no. 1, 1966, 92-94

TOPIC TAGS: foot and mouth disease, tuberculosis, brucellosis, bacteria, virus, food sanitation

ABSTRACT: In view of the shortage of reliable pasteurizers on farms, a mobile unit is suggested for farms contaminated with various cattle diseases. A 300-liter VDP-300 vat for prolonged milk pasteurization is mounted on a GAZ-704 trailer. Tests with various bacteria and viruses showed the method effective if a temperature of 80° C is maintained for 30 minutes. The method can be used in farm conditions, even in pastures. Detailed instructions are given for using the method under various local conditions. Orig. art. has: 2 figures. [JPRS]

SUB CODE: 06 / SUBM DATE: none UDC: 619:637.133.3 06 05

Card 1/1 1C 0915

AKOPYAN, YE. SH.,

"Interrelation Between the Acquired Immunity of Cells and Their Anaphylactic State," ZhMET, XXI, 4, 1938

AKOPYAN, Ye. Sh.

"Activation of Nonsymptomatic Infections of Experimental Animals Under the Influence of Malignant Anthrax Vaccine "STI".

Tr. Gos. Naych.-Kontrol'n. In-ta Vet. Preparatov. No 4, 1953, 215-225

Author studied the activity of vaccine "STI" on white mice, guinea pigs, and rabbits previously infected with non-fatal doses of a septic vibrio, bacillus "Shovo" and Bact. pasteurellosis which produced in them non-symptomatic infections. When STI vaccine was given, the nonsymptomatic infections changed into the malignant kind. The majority of the animals died. It is clear that the nonsymptomatic infection was one of the factors leading to the deterioration of the conditions of the animals after vaccination. (RZhBiol., No. 9, May 1955)

SO: Sum-No-787, 12 Jan 56

AKOPYAN, Ye.Sh., kand. veter. nauk

Determination of the hygienic quality of milk. Veterinariia
40 no.3:62-63 Mr '63. (MIRA 17:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy sanitarii.

IPATENKO, N.G.; NESTEROV, T.S., dotsent; KUTILOV, I.N., dotsent; AKOPYAN, Ye.Sh.,
kand.veterin.nauk; KARAVAYEV, V.M.; PENIONZHKO, A.M.; MAKAROV, V.A.,
assistent.

Veterinary sanitation expertise. Veterinariia 41 no.3:83-93 Mr '64.
(MIRA 18:1)

1. Upravleniye tsentra Ministerstva proizvodstva i zagotovok sel'sko-
khozyaystvennykh produktov RSFSR (for Ipatenko). 2. Vitebskiy veterinar-
nyy institut (for Nesterov, Kutilov). 3. Vsesoyuznyy nauchno-issledova-
tel'skiy institut veterinarnoy sanitarii (for Akopyan). 4. Moskovskaya
veterinarnaya akademiya (for Makarov).

MANVELYAN, M.G.; NADZHARYAN, A.K.; AKOPYAN, Z.A.; PILOYAN, E.G.;
GAMBARYAN, S.G.; BABAYAN, S.A.

Changes of nepheline syenite and minerals constituting it
during their treatment by potassium hydroxide solutions.
Izv. AN Arm.SSR. Khim.nauki 14:417-423 '61. (MIRA 15:1)

1. Institut khimii Sovnarkhoza Armyanskoy SSR.
(Nepheline syenite)

MANVELYAN, M.G.; NADZHARYAN, A.K.; AKOPYAN, Z.A.; BABAYAN, S.A.;
AREVSHATYAN, M.S.

Change of basic minerals of nepheline syenite rocks during its
alkaline treatment. Izv.AN Arm.SSR. Khim.nauki 14 no.3:231-236
'61. (MIRA 14:9)

1. Institut khimii Sovnarkh~~o~~ Armyanskoy SSR.
(Nepheline syenite)

AVOYAN, R.L.; ZAKHAROVA, G.N.; AKOPYAN, Z.A.; STRUCHKOV, Yu.T.

X-ray diffraction study of some organosilicon compounds.
Zhur.strukt.khim. 6 no.5:792-793 S-O '65.

(MIRA 18:12)

1. Institut elementoorganicheskikh soedineniy AN SSSR.
Submitted June 20, 1965.

AKOPYAN, Z.A.; AVOVYAN, R.L.; STRUCHKOV, Yu.T.

Space groups and unit cells of organic compounds. Part 2: Peri-disubstituted naphthalenes. Zhur.strukt.khim. 4 no.5:772 S-0
'63. (MIRA 16:11)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.

AKOPYAN, Z.A.; STRUCHKOV, Yu.T.

Steric hindrances and conformation of molecules. Report 10:
Crystal structure of 1,8-dinitronaphthalene. Zhur. strukt.
khim. 5 no.3:496-497 My-Je '64. (MIRA 18:7)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.

AKOPYAN, Z.A.; KITAYGORODSKIY, A.I.; STRUCHKOV, Yu.T.

Steric hindrances and conformation of molecules. Report No.12:
Crystalline and molecular structure of 1,8-dinitronaphthalene.
Zhur.strukt.khim. 6 no.5:729-744 S-O '65.

(MIRA 18:12)

1. Institut elementoorganicheskikh soyedineniy AN SSSR. Submitted July 15, 1965.

BOKIY, N.G.; AVOYAN, R.L.; ZAKHAROVA, G.N.; MINASYAN, M.Kh.; AKOPYAN, Z.A.;
STRUCHKOV, Yu.T.

X-ray diffraction investigation of some organometallic
compounds. Zhur.strukt.khim. 6 no.5:795-796 S-0 '65.
(MIRA 18:12)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.
Submitted June 25, 1965.

L 45572-66 EWT(m)/EWP(j) JW/JWD/RM
 ACC NR: AP6029614 SOURCE CODE: UR/0192/66/007/004/0594/0602
 49
 48
 3
 AUTHOR: Dashevskiy, V. G.; Struchkov, Yu. T.; Akopyan, Z. A.
 ORG: Institute of Organometallic Compounds, AN SSSR (Institut elementoorganicheskikh soyedineniy AN SSSR)
 TITLE: Conformations of strained aromatic nitro compounds
 SOURCE: Zhurnal strukturnoy khimii, v. 7, no. 4, 1966, 594-602
 TOPIC TAGS: aromatic nitro compound, chemical bonding, substituent, stereochemistry
 ABSTRACT: Conformations of a series of strained aromatic nitro compounds were calculated on the basis of a mechanical model of molecules developed by I. Kitaygorodskiy (Tetrahedron, 14, 230, 1961) and supplemented with additional assumptions. The potential curves and elastic constants necessary for the calculation are given. Analysis of the conformations of nitro derivatives of benzene from the least to the most strained structures shows that small rotations of the nitro groups cannot be predicted by conformational calculations based on the consideration of intramolecular interactions; however, in highly strained molecules, the energy of intramolecular interactions substantially exceeds the energy of the crystal field, and the accuracy of conformational predictions increases with the straining. The geometry of the 2,3,4,5-tetranitrobenzene molecule and the conformations of ortho-halonitrobenzenes are calculated. In a discussion of nitro derivatives of naphthalene and anthracene, it is

Card 1/2 UDC: 541.636

AKOPYAN, Z.A.

Embedded tooth simulating neuralgia of the trigeminal nerve.
Zhur. ush., nos. i gorl. bol. 23 no.5:78 S-0'63 (MIRA 17:3)

1. Iz meshrayonnogo otorinolaringologicheskogo otdeleniya
(zav. - Z.A. Akopyan) Pologskoy rayonnoy bol'nitsy (glavnyy
vrach - P.T. Kravchenko) Zaporozhskoy oblasti.

AKOPYAN, Z.G.

GULEZOV, Yu. A., inzhener.; AKOPYAN, Z.G., inzhener.; GRABAN, V.M.

Obtaining edible peanut cake. Masl.-zhir. prom. 23 no.5:39-40 '57.
(MIRA 10:5)

1. Armavirskiy maslosavod No.4.
(Peanut products)

MNDZHOYAN, A.L.; TERZYAN, A.G.; AKOPYAN, Zh.G.; TATEVOSYAN, G.T.

Indole derivatives. Report No.4: Dialky [β -alkyl- γ -(2-methyl-3-indolyl)] propylamines. Izv.AN Arm.SSR khim.nauki 13 no.1:69-75
'60. (MIRA 13:7)

1. Institut tonkoy organicheskoy khimii AN ArmSSR.
(Propylamine) (Indole)

TERZYAN, A.G.; AKOPYAN, Zh.G.; TATEVOSYAN, G.T.

Derivatives of indol. Report No.6: 2-Methyl-3-propyl-5-aminomethylindoles. Izv.AN Arm.SSR.Khim.nauki 14 no.1:71-77 '61.
(MIRA 15:5)

1. Institut tonkoy organicheskoy khimii AN Armyanskoy SSR.
(Indol)

TERZIAN, A.G. AKOPYAN, Zh.G.; TATEVOSYAN, G.T.

Derivatives of indole. Report No.11: β -Carbolines and their
tetrahydroxy derivatives methylated in the pyridine ring.
Izv. AN Arm.SSR. Khim. nauki 16 no.1:87-92 '63 (MIRA 17:8)

1. Institut tonkoy organicheskoy khimii AN Armyanskoy SSR.

AKOPYAN, Zh.I.

Effect of some factors on the adaptive formation of enzymes
involved in tyrosine oxidation in the liver. Biokhimiya 28
no.4:643-646 J1-Ag '63. (MIRA 18:3)

1. Laboratoriya patokhimii Instituta biologicheskoy i meditsinskoy
khimii AMN SSSR, Moskva.

KAPLANSKIY, S.Ya.; AKOPYAN, Zh.I.

Adaptive changes of the tryptophan metabolism in the animal
organism. Vop. med. khim. 10 no.5:451-460 S-O '64.
(MIRA 18:11)

1. Institut biologicheskoy i meditsinskoy khimii AMN SSSR,
Moskva.

AKOPYAN, Zh. I.

Thyroid hormones and the adaptive formation of enzymes oxidizing tyrosine. Biokhimiia 29 no. 1:47-50 Ja-F '64.

(MIRA 18:12)

1. Laboratoriya patokhimii Instituta biologicheskoy i meditsinskoy khimii AMN SSSR, Moskva. Submitted March 2, 1963.

AKOPYAN, Zh.I.

Interrelationship between the actions of thyroid and adrenocortical hormones in the process of tyrosine oxidation. Dokl. AN Arm. SSR 39 no.4:239-243 '64. (MIRA 18:1)

1. Institut biokhimii AN ArmSSR. Predstavleno akademikom AN ArmSSR G.Kh. Bunyatyanom.